H

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Application. Food Industry.

Abs Jour: Ref Zhur-Khim., No 13, 1958, 44943.

(drying, pickling and salting of mushrooms, manufacture of mushroom powder, mushroom extract, and canned mushrooms). It is proposed to utilize the waste of mushroom processing as feed for cattle and fish.

Card : 2/2

36

ZWARA, VojtecH

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and

H-28

Application. Food Industry.

Abs Jour

: Ref Zhur - Khimiya, No 8, 1958, 26849

Author

: Zvara Vojtech

Inst Title

: At What Stage of Maturity Should Foxberries be Harvested

and Processed.

Orig Pub

: Prumysl potravin, 1957, 8, No 9, 484-485

Abstract

: Instructions are provided concerning the periods of

harvesting of foxberries, depending upon the degree of maturity. It is not recommended to can unripe foxberries.

Card 1/1

ZVARA, V.; ONDRUS, B.

Chronic pyelonephritis in children in the histological picture and its relation to persistent fetal structures of the kidney. Bratisl. Lek. Listy 1 no.3:140-149 62.

1. Z Urologickej kliniky Lek. fak. Univ. Komenskeho v Bratislave, prednosta doc. MUDr. M. Brozman.

(PYELONEPHRITIS in inf & child) (KIDNET abnorm)

Cast concrements of the ureter. Bratisl, lak, listy 41 no.10:606-610								
V rodun	ajskych bis	ej katedry kupiciach, Univ. Komen	reduci MVI	Dr. K. Vi	raik. a. z	Urnlagi ch	o f	
	(	URINARY CAL	ULI radio	graphy)				
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CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Applications. H Food Industry.

Abs Jour: Ref Zhur-Khimiya, No 6, 1959, 21244

Author : Zvara, Vojtech Inst

: Reprocessing Raw Material Growing Wild in the Food Industry of Slovakia. Title

Orig Pub: Prumysl potravin, 1958, 9, No 6, 304-309

Abstract : No abstract.

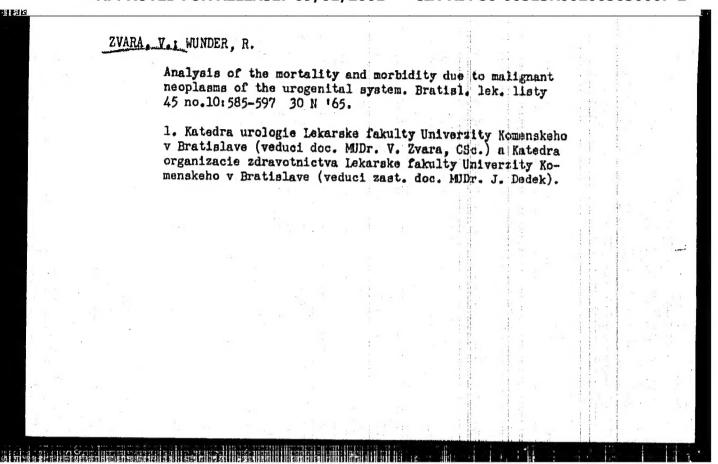
Card : 1/1

PRITON FALL

BERKAN, Ya.; ZVARGULE, A., vmeshtatnyy instruktor; KHARITONOVA, V.,
doverenyy vrach; SAVEL'YEVA, G., inzh.-tekinolog; NIKOLAYEVA, A.,
starshiy instruktor; SMIRNITSKAYA, Ye.; KHEZLOVA, V.

Changes for the better. Okhr.truda i sots.strakh. 5 no.4:20-22
Ap '62. (MIRA 15:4)

1. Predsedatel' obshchestvennogo soveta 4-y ob"ysdinennoy bol'nitsy
g. Rigi (for Berkan). 2. Respublikanskiy sovet profsoyusov
Latviyakoy SSR (for Zvargule, Nikolayeva). 3. Pishchevaya
Laboratoriya g. Yurmala (for Savel'yeva).
"Sovetskaya Latviya" (for Smitrnitskaya). 4. Korrespondent gazety
Sovetskaya Latviya" (for Smitrnitskaya). 5. Sphtsial'nyy
korrespondent zhurnala "Okhrana truda i sotsial'hoye strakhovaniye"
(for Khmeleva). (Latvia—Sanatoriuma)



Gountry: Creekeslevekie

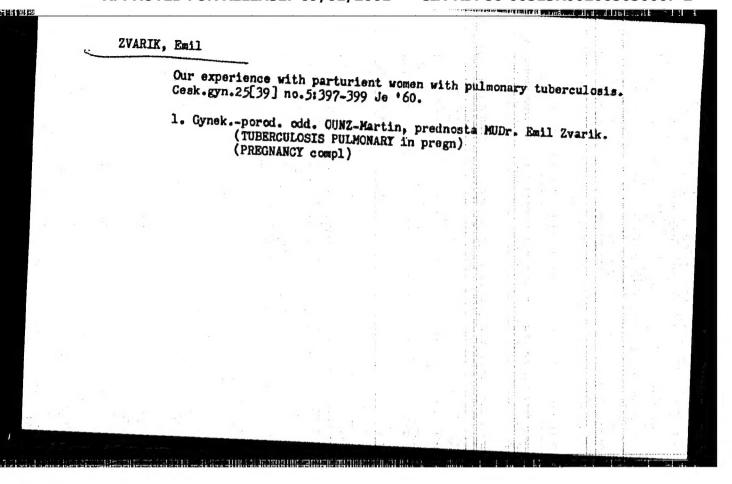
Academic Degrees: ID

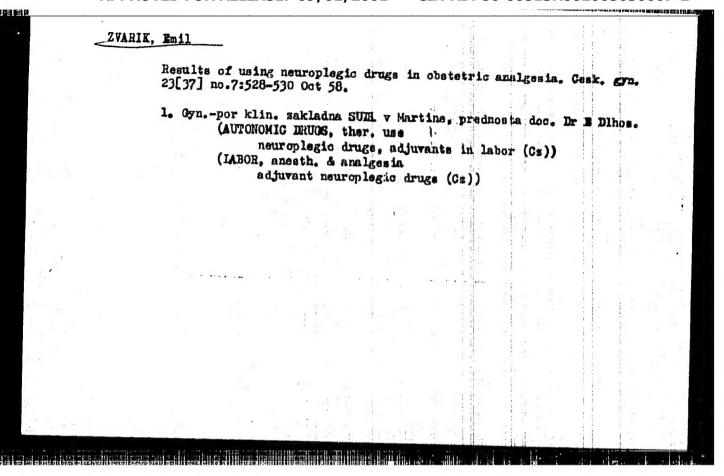
Chief of Gynecology and Costetries Section (Gynekelegicke-perodnicke eddeAffiliation: lende) of the OULZ (Okresny ustav narodneho zdravia; Ckres Public-Mealth

Institute], Martin

Source: Bratislave, <u>Lekarsky Cozer</u>, No 3, 61, pp 153-155

Data: "Menstruction Disorders in Practical Gynecology"





### ZVARIK. Emil

Treatment of urinary incontinence in women by vesicovaginal interposition. Cesk. gyn. 24[38] no.5:360-361 June 59.

1. Z Por. gyn. klinicej sakladne SUDE v Martine, prednosta doc. R. Dlhos.

(URINATION DISORDERS, surg.

vesicovaginal interposition in incontinence in

women (Gz))

ZVARIK, E., MUDr.; RADAKOVIC, M., MUDr.; SEDLAK, J., prom. lekar.

The significance of observing the fibrinolytic activity in gynecological and obstetrical practice. Cesk. gynek. 30 no.1: 114-118 Mr. 65.

1. Gyn.-por. oddzeleni (veduci: MUDr. E. Zvarik), OTS (veduci: MUDr. M. Radakovic) a Centralno labor. (veduci: J. Sedlak, prom. lekar) Obvodniho ustavu narodniho zdravi v Martine.

# Experiences with repeated gynt cological laparotomies. Cesk. gyn. 28 no.5:323-327 Je '63. 1. Gyn.-porod. odd. OUNZ v Martine, ved. MUDr. E. Zvarik. (LAPAROTOMY) (PREGNANCY, ECTOPIC) (GYNECOLOGIC NEOPLASMS) (STERILLTY, FRMALE) (URINARY FISTULA)

Survival and cause	s of death foll	lowing exe	nterati	on perfo	rmed accord-		
ing to Brunschwig. Neoplasma 9 no.2:205-208 162.  1. Slowakisches Arztefortbildungsinstitut, Geburtshilfgynekol. Abt.,							
1. Slowakisches And Trencin, CSSR.	ztefortbildung:	sinstitut,	, Geburt	shilfg	ynekol. Abt.,		
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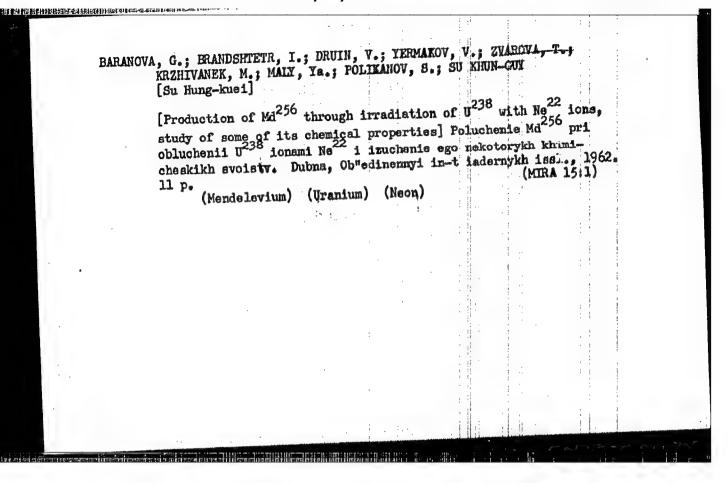
ZVARA, Milan, inz.; ZVAROVA, Mira, inz.

Importance of the use of wild garlic in the food industry.

Prum potravin 14 no.8:40V-409 Ag '63.

1. Teva, podnik miestneho priemyslu, Bardejov.

	Bird cherries as a raw material for the canning industry.  Prum potravin 15 no.9:440-441 S 64.							
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CIA-RDP86-00513R002065630007-2

BRANDSHTETR, I.; ZVARA, I.; ZVARGVA, T.; KNOBLCKH, V.; KRZHIVANEK, M.;

MALY, Ya.; SU KHUN-GUIT [ST Hung-kue1]

Determination of the fission yield of heavy nuclei induced by multiply charged ions. Part 2: Fission of U<sup>238</sup> induced by Ne<sup>22</sup> ions. Radio-khimia 6 no.4:479-434 '64.

BERANOVA, H.; BRANDSHTETR, I.; DRUIN, V.; YERMAKOV, V.; ZVAROVA, T.;
KZHIVANEK, M. (Kraywanek, M.); MALY, Ya. (Maly, J.); FÖLIKAMOV, S.;
SU HUNG-KUEI

Synthesis of 256 Md as a result of irradiating 238 U with 22 Ne ions and research on some of its chemical properties. Nukleonika 7 no.7/8:465-471 '62.

1. Ob"yedinennyy institut yadernykh issledovaniy, Dubna, Laboratériya yadernykh reaktsiy.

ACCESSION NR: AP4009947

3/0186/61/005/006/0694/0699

AUTHOR: Brandshtetr, I.; Zvarova, T. S.; Krzhivanek, M.; Maly, Ka.

TITLE: Chromatographic separation of rare-earth elements and certain actinides on cation-exchange resin in the presence of radioactive isotopes precipitated with LaF sub 3

SOURCE: Radiokhimiya, v. 5, no. 6, 1963, 694-699

TOPIC TAGS: multicharge ions, rare-earth elements, actinides, radioelements, a-active isotopes, gadolinium, gadolinium numbers, cationexchange resin, lactate, Dow-X resin, lanthanum, actinium, ammonium lactate, elution, chromatographic separation

ABSTRACT: The experiments revealed that the coefficients of element separation on Dow-X resin 50x12 are different from those cited in literature. The gadolinium numbers and coefficients of rare-earth and actinide separation were determined, as well as the elution place of a-active elements which can model actinides on the resins used in this work. The gadolinium numbers of Md and Fm were determined by the

Card 1/2

ACCESSION NR: AP4009947

methods described by G. Beranova et al. (Nucleonika, 7, 7/8, 465, 1962). The resulting data on Dow-X resin 50x12 show that the element-separation factors in all cases are somewhat different from those cited in literature although results of earlier experiments with American-made Dow-X 50x12 resin did agree with the published figures. It appears, therefore, that the gadolinium number is not an invariable characteristic of a given brand of resin. The place of elution has been determined in the chromatographic separation of the series of a cative elements which can hinder the determination of the transactive elements. "In conclusion, the authors express their gratitude to V. A. Yermakov and Su Hun-Gui for their assistance in the experiments." Orig. art. has: 2 figures and 3 tables.

ASSOCIATION: none

SUBMITTED: 03May62

DATE ACQ: 07Feb64

ENCL: 00

SUB CODE: CH, EL

NO REF SOV: 006

OTHER: 006

Card 2/2

BRANDSHTETR, I.; ZVAROVA, T.3.; KRZHIVANEK, M.; MALY, Ya.

Chromatographic separation of rare-earth elements and some actinudes on cation exchangers in the presence of radicative isotopes coprecipitating with hely. Hallokhimin 5 no. 6:694-699 '63.

(MIRA 17:7)

BRANDSHTETR, I.; VOLKOV, V.V.; YERMAKOV, V.A.; 2VARGVA, 7.5.;
KRZHIVANEK, M.; MALY, Ya.; SH KHUN-GUY (SH Manguaran-human)

Study of the products of reactions of heavy elements with multicharge ions. Part 2: Yield of some isotopis of californium and fermium during the irradiation of thorium and uranium by 0<sup>15</sup>, 0<sup>18</sup>, and Ne<sup>22</sup> ions. Radiokhimila 5 no. 6:706-711 '63.

(MIRA 17:7)

S/020/63/148/003/014/037 B108/B180

AUTHORS:

Zvara, I., Tarasov, L. K., Krzhivanek, M., Su Hung-kuei,

Zvarova, T. S.

TITLE:

Formation of Zr97cl4 when fission fragments are slowed down

in gases containing chlorine

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 148, no. 3, 1963, 555-557

TEXT: Experiment: A U<sub>3</sub>0<sub>8</sub> layer (target) on a mica backing was covered with a thin fluoroethylene film and placed in a fluoroethylene-4 ampoule. Gas containing inactive ZrCl<sub>4</sub> was passed through the ampoule while the target was bombarded with neutrons from a standard Po-Be source. The gas was condensed at the outlet and radiochemically analyzed for Zr<sup>97</sup>. Results: Above 170°C, the fission-fragment Zr<sup>97</sup> is stabilized in the form of Zr<sup>97</sup>Cl<sub>4</sub>. This process involves exchange of the hot Zr<sup>97</sup> atom (ion) for Card 1/2

Formation of  $Zr^{97}Cl_4$  when fission ... S/020/63/148/003/014/037

the  $ZrCl_4$  molecule.  $Zr^{97}Cl_4$  forms from primary fission-fragment  $Zr^{97}$ as well as that arising in the beta decay of  $Y^{97}$ . The method outlined here can be used to enrich  $Zr^{97}$ . There are 1 figure and 1 table.

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research)

PRESENTED: August 1, 1962, by V. N. Kondrat'yev, Academician

SUBMITTED: June 13, 1962

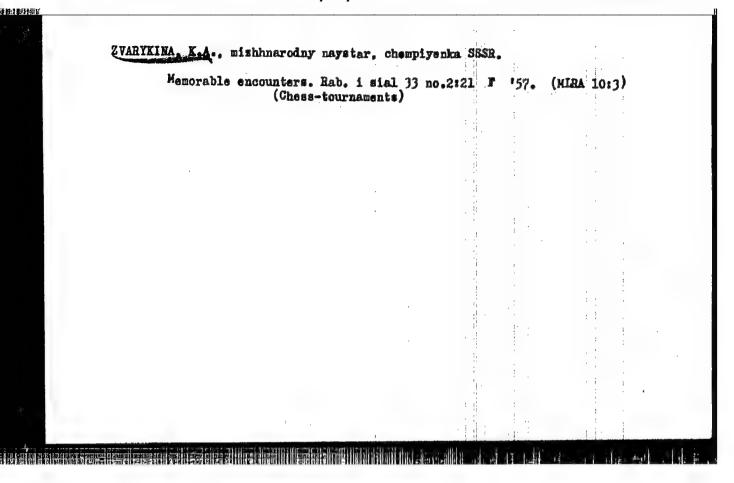
Card 2/2

SHEET SOUTH STATE OF THE SHEET
I 13031-66 FWT(m)/EWP(t)/ETT IJP(c) JD SOURCE CODE: UR/0089/66/021/002/0083/0084
ACC NR: AP6029794
AUTHOR: Zvara, I.; Chuburkov, Yu. T.; Tsaletka, R.; Zvarova, I. B., Shatty
M. R.; Shilov, B. V.
ORG: none
TITLE: Chemical properties of the element 104, V.
21 70 2 1966, 63-64
SOURCE: Atomiaya entra-
transuranium element, chemical parpara
fission product, isotope separation
fission product, isotope separation  fission product, isotope separation  ABSTRACT: Chemical identification of the new element 104 has been attempted in a  ABSTRACT: Chemical identification of the new element new element chlorides.  ABSTRACT: Study of the curium, californium, hafnium and new element chlorides.
ABSTRACT: Chemical identification of the new element 104 has been accompanied.  ABSTRACT: Chemical identification of the new element 104 has been accompanied.  ABSTRACT: Chemical identification of the new element 104 has been accompanied.  Companies study of the curium, californium, hafnium and new element chlorides.  Companies study of the curium, californium, hafnium and new element chlorides.  Companies the 104260 isotope, was identified by physical means only [G. N. Flerov the 104260 isotope, was identified by physical means only [G. N. Flerov the 104260 isotope, was identified by physical means only [G. N. Flerov the 104260 isotope, was identified by physical means only [G. N. Flerov the 104260 isotope, was identified by physical means only [G. N. Flerov the 104260 isotope, was identified by physical means only [G. N. Flerov the 104260 isotope, was identified by physical means only [G. N. Flerov the 104260 isotope, was identified by physical means only [G. N. Flerov the 104260 isotope, was identified by physical means only [G. N. Flerov the 104260 isotope, was identified by physical means only [G. N. Flerov the 104260 isotope, was identified by physical means only [G. N. Flerov the 104260 isotope, was identified by physical means only [G. N. Flerov the 104260 isotope, was identified by physical means only [G. N. Flerov the 104260 isotope, was identified by physical means only [G. N. Flerov the 104260 isotope, was identified by physical means only [G. N. Flerov the 104260 isotope, was identified by physical means only [G. N. Flerov the 104260 isotope, was identified by physical means only [G. N. Flerov the 104260 isotope, was identified by physical means only [G. N. Flerov the 104260 isotope, was identified by physical means only [G. N. Flerov the 104260 isotope, was identified by physical means only [G. N. Flerov the 104260 isotope, was identified by physical means only [G. N. Flerov the 104260 isotope, was identified by physical means of the 104260 isotope, was identified by physical means of the 104260 i
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duded were chlorinated by a mixture of thousand, californium, and scandium isotope in the chamber of the cyclotron. The curium, californium, and scandium isotope in the chamber of the cyclotron of the chamber and in the special filters, while chlorides were adsorbed on the walls of the chamber and in the special filters, while chlorides were adsorbed on the walls of the chamber and in the special filters, while chlorides were adsorbed on the walls of the chamber and in the special filters.
chlorides were addocted
ODC: 3421
Card 1/2

ACC NR AP6029794 Zr, Hf and 104260 isotopes were transported in a stream of nitrogen to a fission event detector. The presence of the 104260 isotope was recorded by the detector in the gaseous stream transporting the IV B group element chlorides. A total of 12 atoms of the 104260 isotope was recorded during a series of experiments. Recurrence intervals of all 12 spontaneous fission events confirmed the earlier established half-life of the new element (0.3 \* 0.1 sec). Thus, confirmation was obtained of the earlier advanced hypothesis of a sharp difference in the chemical property between the 104 element and transuranium elements which were discovered in the past few years. The atomic number of the new element was determined and the element 104 was shown to be close to hafnium, hence to belong to the IV b group of the Periodic Table of the Elements. Thanks are expressed to G. N. Flerov, Corresponding Member of the Academy of Sciences SSSR. SUB CODE: 07/ SUBM DATE: 18May66/ ORIG REF: 004/ OTH REF: Card

Zvarsin, A. A., "A Text-book of Histology", (p. 175) Rev. by A. V. Nemilov

SO: Mayances in Contemporary Biology, (Uspekhi Sovremennoi Biologii), Vol. X, No. 1
1939



VEDERNIKOV, V.A.; ZVAYGINA, C.A.

Treatment of dermatomycoses using epilin. Sov.med. 25 no.10:135-136 0 '61.

1. Iz kafedry kozhnykh i venericheskikh bolezney (sav. - prof. V.A.Vedernikov) Arkhangel'skogo meditainskogo instituta.

(DERMATOMICOSIS) (FUNGICIDES)

AUSSR / Fram Animals. General Problems

Abs Jour: Ref Zhur-Biol, No 5, 1958, 21417

: Merkur yeva Ye K., Kudryashov N. V., Zvaygzne G. F., Author

Kuznetsov N. V.

Inst

: The Breeding of Cattle of the Jersey Breed (Razvede-Title

niye krupnogo rogatogo skota dzherzeyskoy porody)

Orig Pub: Zhivotnovodstvo, 1957, No 6, 60-69

Abstract: In order to increase the fat-milk production of East Friesian crossbred cattle by way of interbreeding with sires of the Jersey breed, Jerseys were brought into the USSR in 1955. 110 heifers and 3 young bulls were sent to the state farm "Nekrasovo" in the Ryazan' Oblast. During a period of one year, 105 heifers

produced 107 calves which developed well and possessed early sex maturity, a characteristic trait of

Card 1/3

JUSSR / Farm Animals. General Problems

Q

Abs Jour: Ref Zhur-Biol., No 5, 1958, 21417

Abstract: 28 Jersey cows, the fat content of milk reached 6.8%. The Jersey cattle brought in descended from several inbred lines (III-II and nearer), as well as from inter-line crosses. The Jersey cows, under conditions prevailing in the Ryazan' Oblast, retained the characteristics of their breed, i.e. milk fat production, steadiness of milk yield and early matur-

ity. They developed well.

Card 3/3

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Transport Ukrainy v novoi piatiletks. [Ukrainian transport in the new five-year plan].

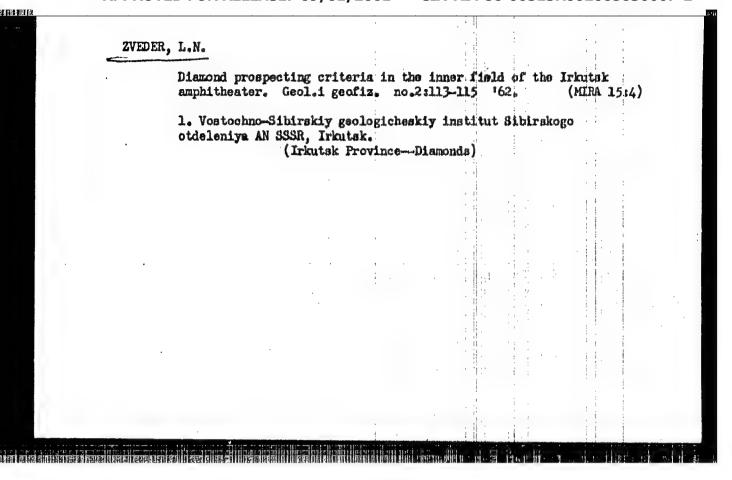
Kiev. Ukrpolitizdat, 1947. 76 p. illus.

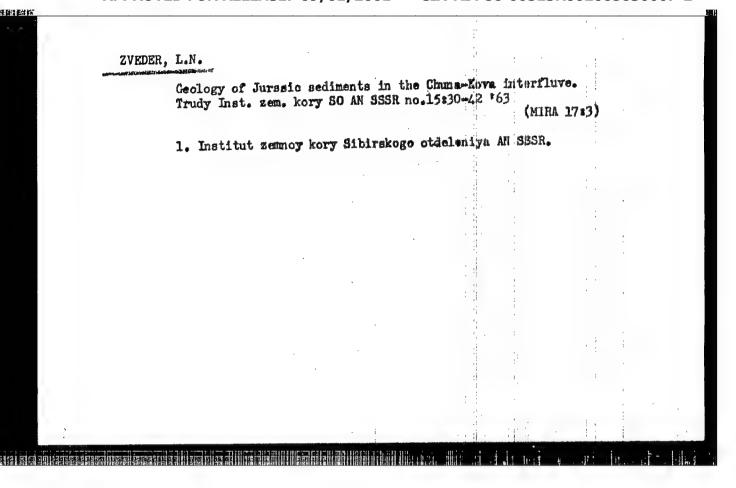
So: Soviet Transportation and Communications, A Bibliography. Library of Congress, Reference Department, Washington, 1952, Unclassified.

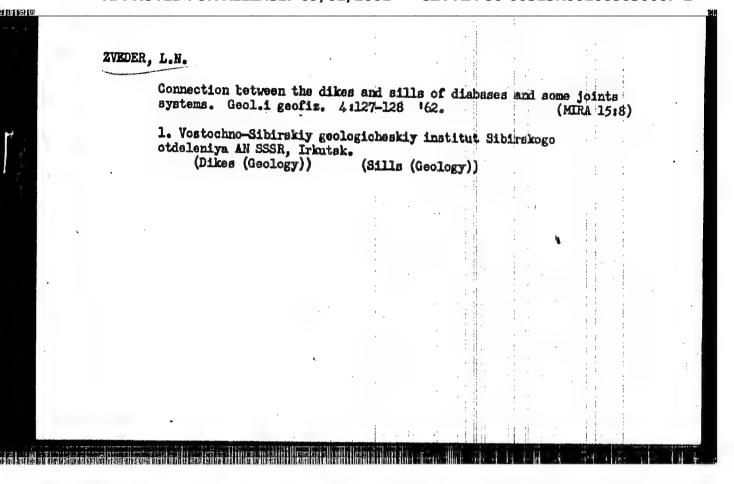
ZVEDER, L.N.; SHCHUKIH, V.N.

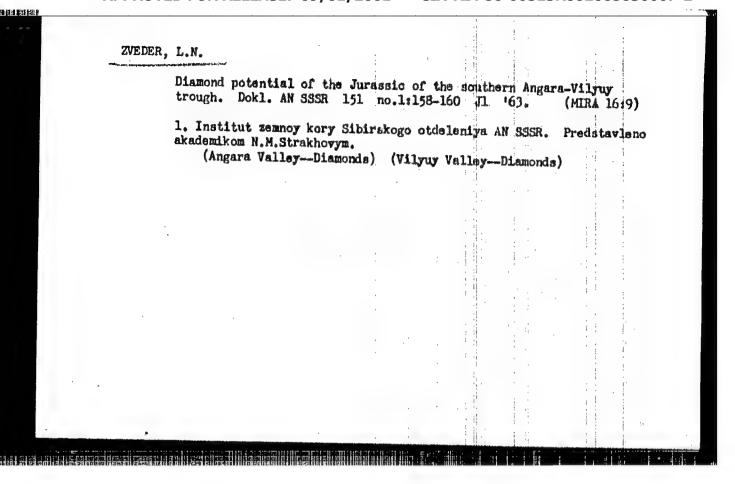
Hature of faults in the Daaldnyskii kimberlite region. Geol. 1
geofiz. no.6:132-134 '60. (MIRA 13:9)

1. Vostochno-Sibirskiy geologicheskiy institut Sibirskogo otdeleniya
AN SSSR. (Siberia-Kimberlite)



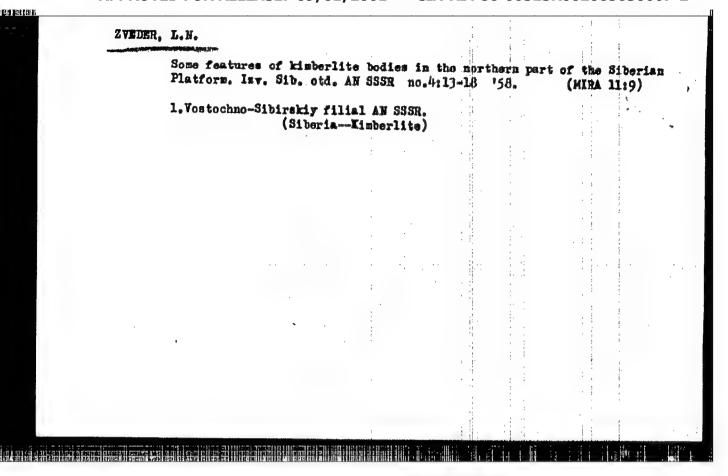


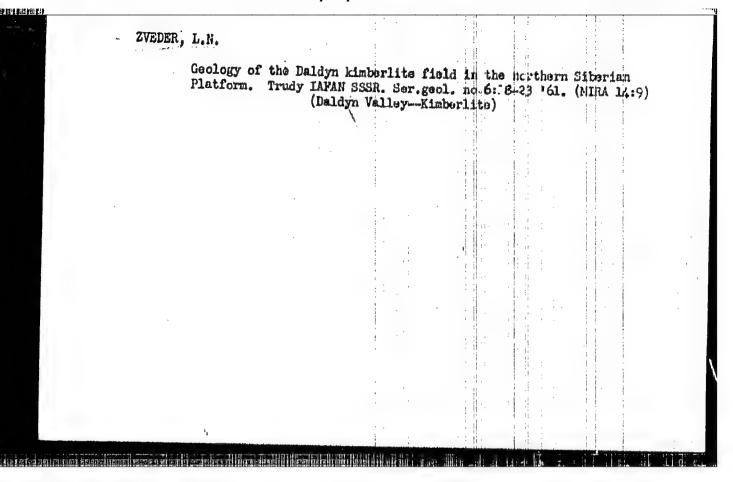




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ZVERRIS L. Zviedris, L.], deputat Verkhovnogo Soveta Latviyskoy

SSR (Riga); SPEKTOR, M. (Riga)

You are taking a mest in the Haltic Sea region. Sov. profesoinzy
19 no:8:20-21 Ap \*63. (MRA 16:6)

1. Glavnyy vrach sanatoriya "Kemeri" (for Zvedris).
2. Korrespondent "Meditsinskoy gazejy" po Pribaltiyskim
respublikam (for Spektor).

(Latvia—Health resorts, Watering places, etc.)

# Crgenization of the technical protection of workers. p. 192. (NOVA PROIZ/ODEJA, Vol. 5, no. 3/4, Sapt. 1954. Ljubliand, Yugoslavia) SC: Fonthly List of 2 st European Accessions, (244.), 10, Vol. 4, No. 4, Apr 1955, Uncl.

#### "APPROVED FOR RELEASE: 09/01/2001

#### CIA-RDP86-00513R002065630007-2

JD/HW EWT(m)/EWP(t)/ETI IJP(d) L 09128-67 SOURCE CODE: UR/0126/66/022/003/0380/0391 AP6032617 ACC NRI AUTHOR: Kirenskiy, L. V.; Pyntko, V. G.; Sukhanova, R. V.; Sivkov, N. I.; Pyntko G. P.; Edel man, I. S.; Komalov, A. S.; Kan, S. V.; Syrova, N. I.; Zvegintsev, A. G. ORG: Institute of Physics SO AN SSSR (Institut fiziki SO AN SSSR); Krasnoyarsk Pedagogical Institute (Krasnøyarskiy pedinstitut) TITLE: Epitaxial filmstof iron Phickel and cobalt [report presented at the Conference on Physics of Ferro- and Antiferromagnetism, Sverdlovsk, 5-7 July 1965] SOURCE: Fizika metallov i metallovedeniye, v. 22, no. 3, 1966, 380-391 TOPIC TAGS: magnetic anisotropy, epitaxial growing, hysteresis loop, metal film ABSTRACT: The authors study the epitaxial growth of iron, nickel and cobalt films thermally vaporized onto ionic crystals split in air and in a vacuum. It is shown that when the substrates are heated in a vacuum of 10 mm Hg, the surface state is changed with a favorable effect on epitaxy. The phase composition of the film may be controlled by proper selection of the substrate. The fields of anisotropy of the films are measured and the effect which application of a magnetic field during vaporization has on the magnetic anisotropy of the films is studied. The domain structure of the films and its dynamics are analyzed and the results are used as a basis for explaining the shape of hysteresis loops. The coercive force is measured in films of various thickness. It is shown that the coercive force of the films is always much less than the field of anisotropy and is approximately inversely proportional to the saturation magnetization. Orig. art. has: 13 figures, 1 table, 5 formulas. SUB CODE: 11, 20/ SUBM DATE: 30Jul65/ ORIG REF: 004/ OTH REF: 1/1 net Card

VIASOV, A. Va.; POPOVA, A.V.; ZVEGINTSEV, A.G.; RODICHEVA, E.K.

Palomagnetic investigation of Devonian sedimentary strata in the central part of Krasnoyarsk Territory. Izv. AN SSSR. Ser. geofis. no.7:1022-1024 J1 '61."

1. Akademiya nauk SSSR, Sibirskoye otdeleniye, Institut fiziki. (Krasnoyarsk Territory--Rocks--Mangetic properties)

> 25790 8/048/61/025/005/004/024

B104/B201 **VED FOR REL**EASE: 09/01/2001 CIA-RDP86-00513R002065630007-2"

Kirenskiy, L. V., Buravikhin, V. A., and Zvegintsev, A.G. AUTHORS:

Domain structure and coercive force of thin ferromagnetic TITLE:

films

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya, v. 25, no. 5, 1961, 577-580

TEXT: The present investigation was the subject of a lecture delivered at a symposium on thin ferromagnetic films (Krasnoyarsk, July 4 to 7, 1960). The authors studied the dynamics of the donain structures of ferromagnetic films in a magnetic field and examined the effect of the film thickness upon the dynamics. A relationship was established between the coercive force and the character of this dynamics. The experiments were conducted with iron and cobalt films, and with films of a nickel: alloy (80% Ni, 17% Fe. and 3% Mo). The films were prepared by sputtering in vacuum (8.10-6 mm Hg) onto polished glass. Sputtering took place in a magnetic field (100 cersteds) produced by a pair of Helmholtz coils. The

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25790 S/048/61/025/005/004/024 Domain structure and coercive ... B104/B20:

direction of the magnetic field was in the film plane. An axis of easiest magnetizing was formed as a result. During production of the films on which the domain structure and the coercive force were studied as functions of thickness, the glass backings were heated to a temperature of 300°C. Other films were sputtered at room temperature. The domains were found to increase with a diminution of the film thickness, and the boundary curvatures to become more pronounced. The structure of the domains is not modified up to a certain critical field strength which is dependent upon the film thickness. In a field above the critical field strength, a magnetization at thicknesses of 800 Å and over causes a displacement of boundaries. New boundaries, being almost perpendicular to the main boundaries, appear in films ranging from 500 to 800 A on an increase of the field strength beyond the critical one in domains oriented unfavorably with respect to the field direction. This is explained by a formation of "subdomains". No boundary displacements were established in films having thicknesses from 500 to 150 Å. "Subdomains" under equal conditions as above could be observed. Figs. 4 and 5 graphically present the coercive forces of the three film types as functions of their thickness. In Fig. 6, the coercive force for the three film types is shown as a Card 2/5

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Domain structure and coercive ...

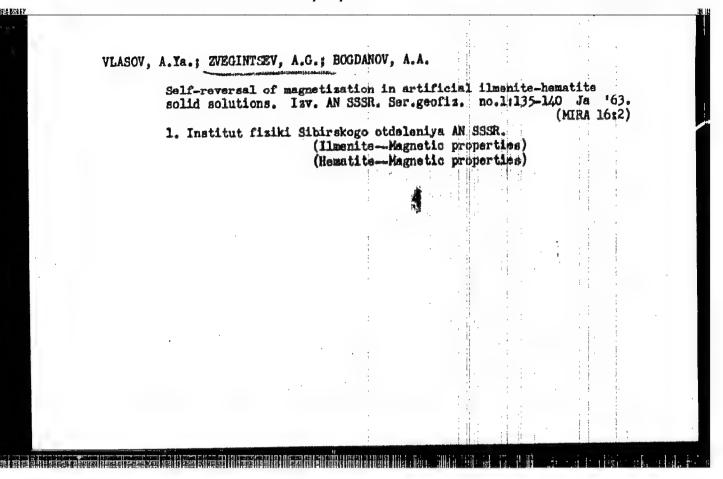
25790 , 5/048/61/025/005/004/024 B104/B201

function of the temperature of a vacuum anhealing (1 hr) in a magnetic field of 500 cersteds. As results from a discussion of the diagrams, the coercive force attains a maximum if only one domain extends over the film thickness. The diminution of the coercive force with a rise of the annealing temperature is explained by the elimination of internal film stresses which are particularly strong in films produced on unheated glass backings. If the direction of the magnetic field in the annealing process does not coincide with that of easiest magnetizing, the latter disappears, and a new direction of easiest magnetizing arises, which coincides with the direction of the magnetic field in the annealing process. There are 6 figures and 10 references: 1 Soviet-bloc and 9 non-Soviet-bloc.

ASSOCIATION:

Institut fiziki Sibirskogo otdeleniya Akademii nauk SSSR (Institute of Physics of the Siberian Department, Academy of Sciences USSR), Krasnoyarskiy gost pedagogicheskiy institut (Krasnoyarsk State Pedagogic Institute)

Card 3/5



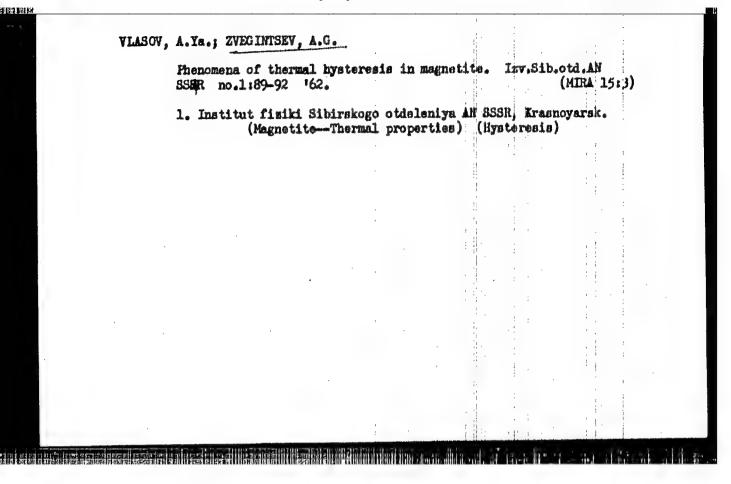
VLASOV, A.Ya.; ZVEGINTSEV, A.G.

Temperature lag of magnetized magnetite. Izv. AN SSSR. Ser. geofiz. no.8:1230-1233 Ag '63. (MRA 16:9)

1. Institut fiziki Sibirskogo otdeleniya AN SSSR. Predstavleno chlenom redaktsionnoy kollegii Izvestiy AN SSSR, Seriya geofizicheskaya, B.M.Yanovskim.

(Magnetite—Thermal properties)

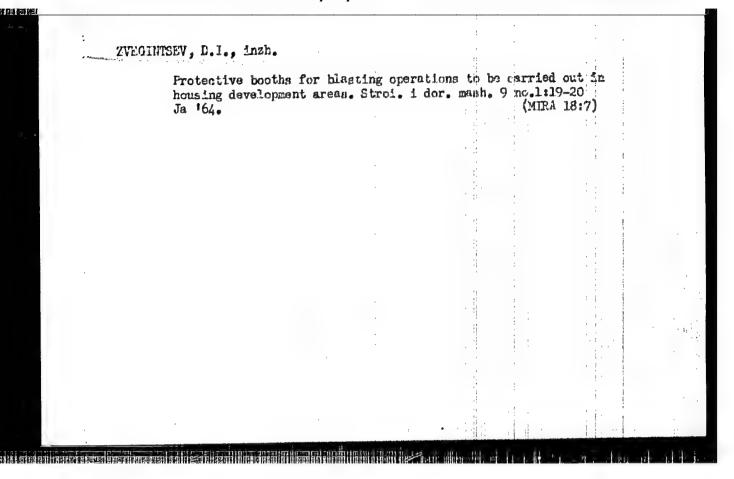
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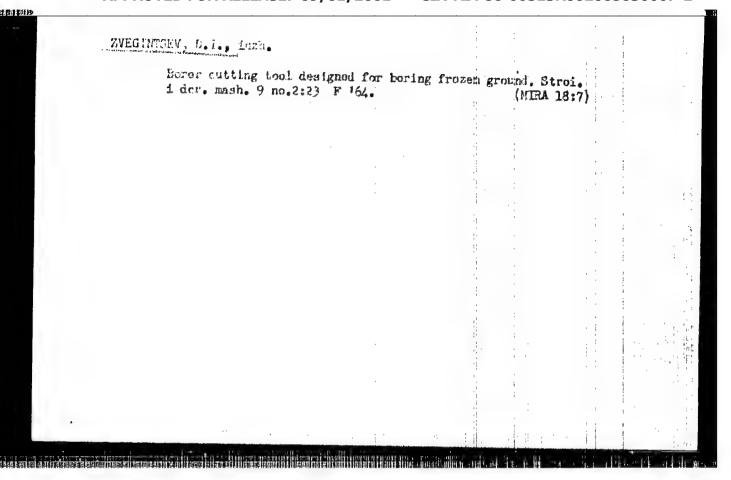


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Stability of thermoremanent magnetization of magnetite to a simultaneous effect of temperature and a reversed magnetic field. Izv. AN SSSR. Ser. geofiz. no.10:1522-1524 0 61. (MIRA 14:9)
1. AN SSSR, Sibirskoye otdeleniye, Institut řiziki. (Magnetite)
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KIREA	SKIY, L.V.; EURAVIKHIN, 'Domain structure and Izv.AN SSSR.Ser.fiz.	coercive force 25 no.5:577-	or thin terrous	
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BRODSKIY, A.Ya., kand.tekhn.nauk; ZVMLHTSEV, K.B., insh., hauchnyy red.

SKVORTSOVA, I.P., red. ind-ra.; TOLEH, A.M., tekin.red,

[Electric arc and electric slag butt welding of concrete reinforcements]

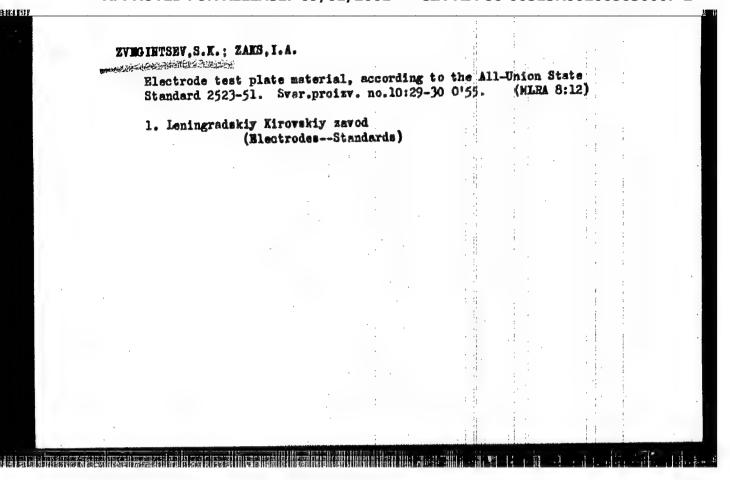
Elektrodugovaia i elektroshlakovaia svarka stykov armatury zhelezobetona.

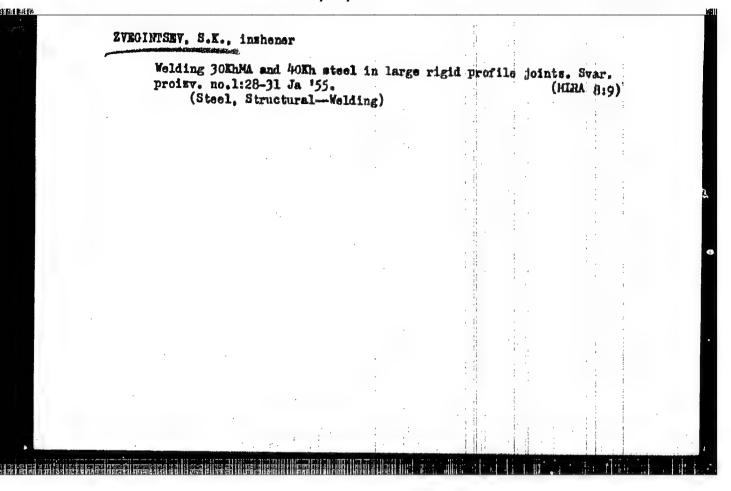
Moskva, Gos. isd-vo lit-ry po stroit., arkhit. i stroit. materialsm.

1958, 140 p.

(Electric welding)

(MIRA 11:8)





SUBJECT:

USSR/Welding

135-2-6/12

AUTHORS:

Antonova, V. F., Engineer, Zaks, I.S., Engineer, and

Zvegintsev, S.K., Engineer.

TITLE:

Properties of metal coating made with electrodes 44 -2 and 44 -3. (Issledovaniya svoystv metalla, naplavlennogo elek-

trodami UH-2 i UH-3).

PERIODICAL:

"Svarochnoye Proisvodstvo", 1957, No 2, pp 18-21 (USSR)

ABSTRACT:

The experiments described in the article had the purpose of finding a replacement for the scarce and costly cobat used to cost sealing surfaces of valves and other steam turbine and boiler parts, where the service conditions require extremely high resistance to corrosion and erosion, and hardness in

temperatures over 500°C.

The LittuathAu(Tentitmash), and specifically V.A. Lapidus, Candidate of Technical Sciences, developed a new electrode the Litt-3 - and recommended it as fully replacing the Litt-2 (containing cobalt). Up to now, sealing surface coating which most closely corresponds to technical conditions is obtained with cobalt-containing "stellite B-3K." The recom-

Card 1/4

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Properties of metal coating made with electrodes UH-2 and UH-3. (Issledovaniya svoystv metalla, napiavlennogo elektrodami UH-2 i UH-3).

135-2-6/12

mended electrode composition (in %) is: for UH-2 (with rod B3K-U3): 1.7-2.1 C, 2.0-2.5 Si, 28-32 Cr, 59-65 Co, 4-5 W, remainder Fe; for UH-2 (with rod B3K): 1.0-1.5 C, ≤ 2.75 Si, 28-32 Cr, ≤ 2.0 Ni, 58-62 Co, 4-5 W, 2.0 Fe; for UH-3 (with rod 0X18H9): ≤ 0.06 C, 0.5-1.0 Si, 1.0-2.0 Mn, 18-20 Cr, 8-10 Ni, remainder Fe. The recommended electrode coatings are as follows:

Components	POCT No.	(B3K-U3)	U.H-2 (B5K)	ЦН =3 (0X18H9)
Marble	4416-48	54.0	46.0	15.0
Feldspar	4421-48	32.0	30.0	9.0
Aluminum MAN-1	4135-48	12.0	12.0	-
Graphite	5279-50	2.0	12.0	5.0
Ferromanganese	4755-49	•	+	2.0
MH-1			ŧ	
Ferrochrome% -2	4757-49	• 1	•	69.0
Water glass, in % weight of dry				The state of the s
Compound		30.0	30.0	20+30

Card 2/4

TITLE:

Properties of metal coating made with electrodes UH -2 and UH -3. (Issledovaniya svoystv metalla, naplavlennogo elektrodami UH-2 i UH-3).

135-2-6/12

Relation of coating  $\stackrel{foct}{N}$   $\stackrel{UH-2}{(03K-U3)}$   $\stackrel{UH-2}{(U3K)}$   $\stackrel{UH-2}{(U3K)}$   $\stackrel{UH-3}{(OXISH9)}$  weight ..... - 25-30 25-30 115-120

The recommended new electrode grade has been tested at the authors' plant (testing technology is given in detail). The criticism of the first consignment was; the actual chemical composition of the coating made with the new electrodes not in one single case corresponded to the TsNIITMASH'ES specifications (for instance; carbon 3.4% instead of 1.7-2%; the bottom content limit of chrome in one-layer deposit - 23% instead of 28%, etc); the electrode coating which had been applied by pressure - cracked or slid off from some rods even at slight heat.

It was concluded that electrode i.H-3 is no substitute for i.H-2. The metal deposited by this electrode is an alloy of the sormite type; satisfactory micro-structure and density of weld metal is only possible in one-layer deposit and only at a definite speed of crystallization; the multi-layer deposits form very coarse, brittle carbides of chrome which breek out

Card 3/4

TITLE:

Properties of metal coating made with electrodes LH -2 and LH -3. (Issledovaniya svoystv metalla, naplavlennogo elektrodami LH-2 1 LH -3).

in grinding, the multi-layer coatings are also not sufficiently dense; their tensile strength in static bending tests is 2.5 times lower than of the deposit made by stellite LH-2. Experience with electrodes LH -2 shows that this grade

is satisfactory, and is to be recommended in arc-welding but not in gas-welding. The plant "Znamya Truda" has very good results in arc-welding with this grade.

There are 5 tables, 2 photographs, 7 micro-photographs. The article contains 3 references (all Russian).

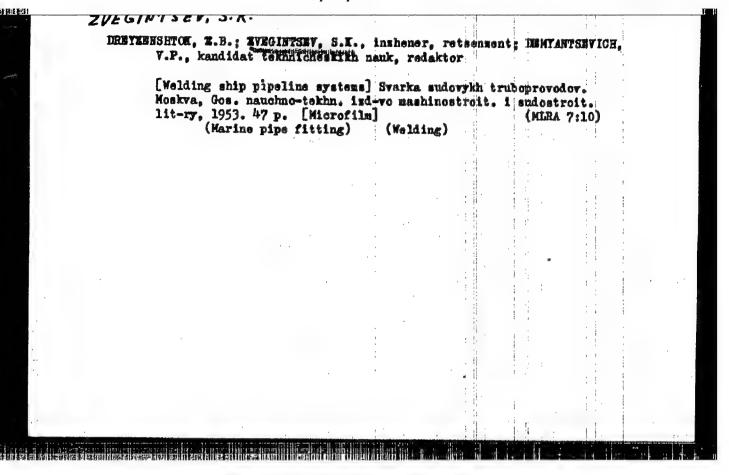
INSTITUTION: Kirovskiy plant (Kirovskiy savod).

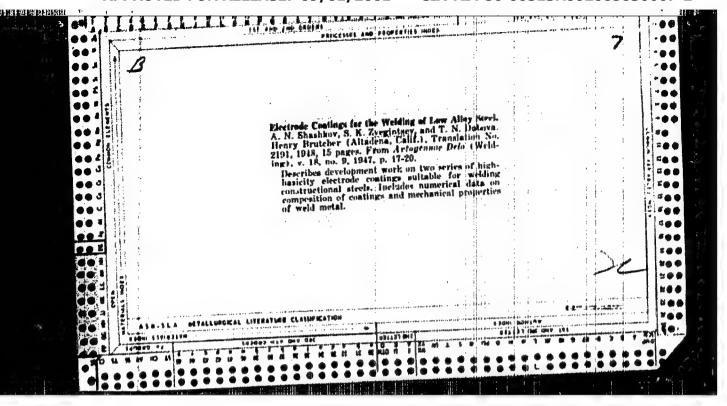
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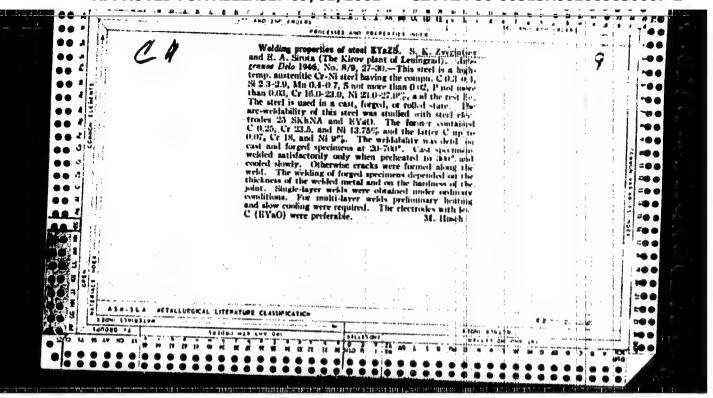
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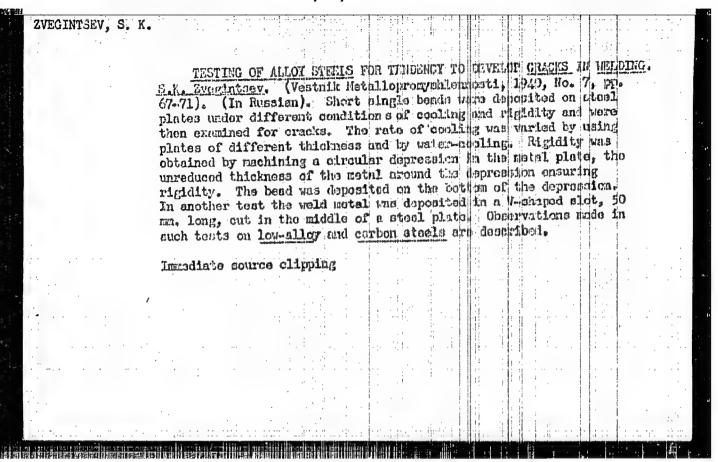
AVAILABLE: At the Library of Congress

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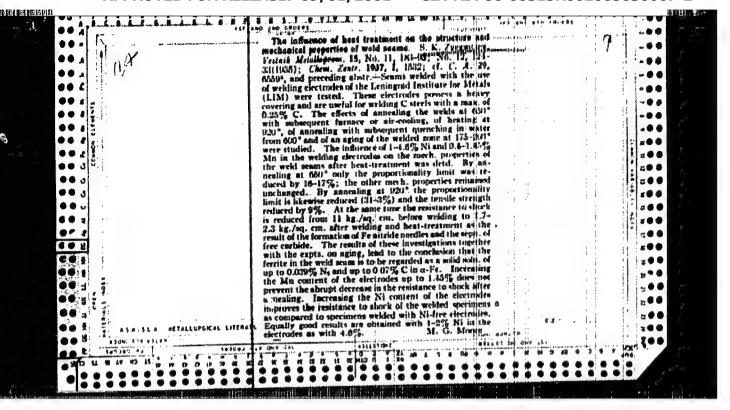


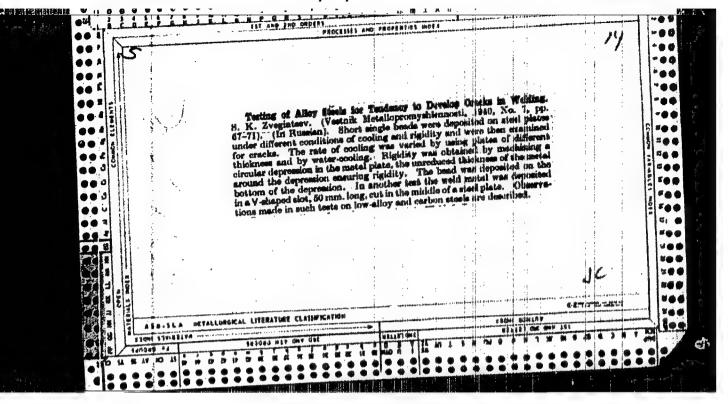






zvenintsev, S. K.	- 42 M - 744	M PREC	<b>3828</b>	* P. d	8	4
OUG.	USSR/Metals - Welding results in good deoxion in good deoxion in good deoxion in good deoxion in good to go the subject of the	trodes is application of basic utilizing marble and fluorspar agent. These coatings differ alloy content. Introduction of the party contents of the party contents of the party contents of the party contents.	Describes electrodes used in welding str low-alloy steels, giving chemical compos and mechanical properties of welded join with these electrodes, Main feature of	"Electrodes for Welding Structural Steels, gineers S. K. Zvegintsev, E. A. Sirota AAvtogen Delo" No 8, pp 25-27	USSR/Metals - Welding	
	(Contd) dation of welded meduction of impuri	leation of basic type coefficients and fluorspar as slag-forming coatings differ mainly in ferro Introduction of ferroalloys		g Structural Steel ev, E. A. Sirota p 25-27	4	
16/14/3	Aug 50 metal. ties	ferro oys oys	mposition joints made	B. 13	Awa 50	





ZVEGINTSEV, S.K.

137-58-5-9925

B.V.

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 150 (USSR)

AUTHORS: Zvegintsev. S.K., Mart'yanov, G.I.

TITLE: Welding in the Machinery Plants of Leningrad (Svarochnoye

proizvodstvo na leningradskikh mashinostroitel'nykh zavodakh)

PERIODICAL: V sb.: Svarochnoye proiz-vo, Leningrad, Lenizdat, 1957,

pp 161-176

ABSTRACT: A description is offered of the state of the welding art at

Leningrad plants making power equipment. The accomplishments of the machinery builders of Leningrad in the field of

welding technique are presented.

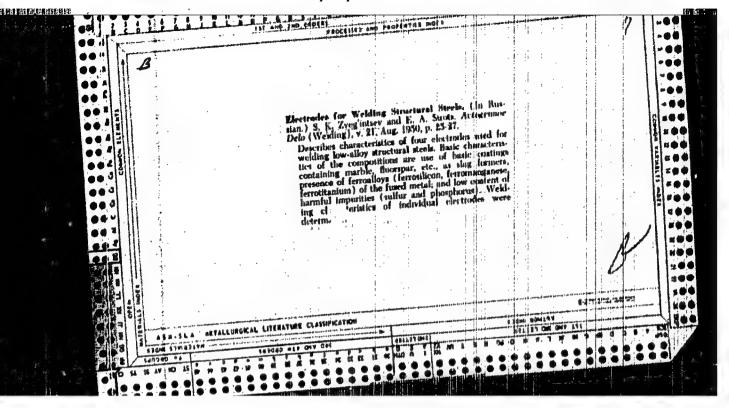
1. Industrial plants--USSR 2. Welding--Applications

Card 1/1

ZAKS, I.A., inzhener; ZVEGINTSEY, S.K., inzhener; IL'INA, R.N., inzhener; KHINSKIY, P.D., kandidat fekhnicheskikh nauk.

Brittle breaking of IKhlZ steel during soldering.
Energomashinostroenie no.9:15-19 S '56. (MERA 9:10) "

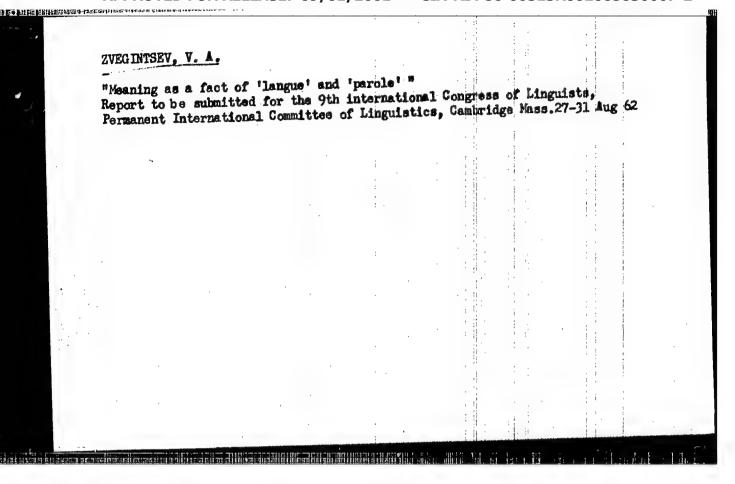
(Solder and soldering) (Steel--Brittleness)

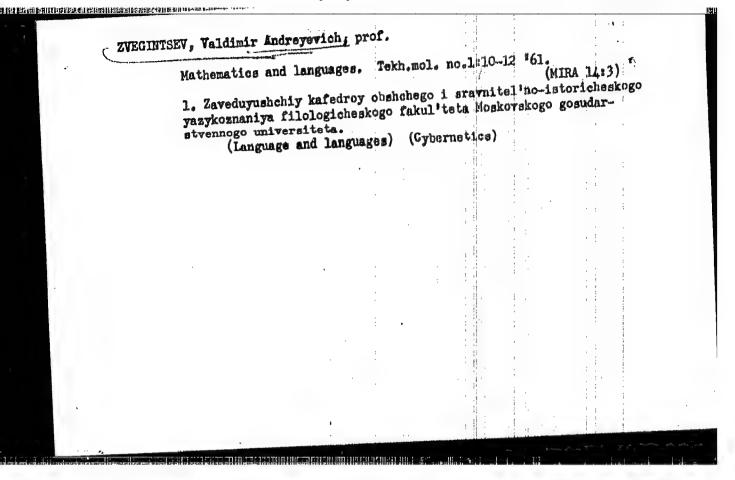


# ZVEGINTSEY, S.K.

BONDIN, Ivan Nikolayevich; OKERBION, N.O., prof., red.; ZYRQIMPSZY, S.K., inzh., retsenzent; SIMONOVSKIY, N.Z., red.izd-va; SHCHETININA, L.V., tekhn.red.

[A welder's handbook] Spravochnik svarshchika. Pod red. N.O. Okerbloma. Moskva, Gos.nauchno-tekhn.isd-vo mashinostroit. lit-ry, 1959. 268 p. (MIRA 13:3)





ZVEGINTSEV, Vladimir Andreyevich Name

On Principles of Semasiological Research Dissertation

Degree Doc Philological Sci

Affiliation /not indicated/

Defense Date, Place 27 Sep 54, Council of Moscow Order of Lenin and Order of Labor Red Banner State U imeni Lomonosov

Certification Date 15 Dec 56

Source BIVO 7/57

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Zyegintseva, G.B.; Ginzburg, B.G.; Korchilova, Ye.Ya,; Dawylova, Z.Y.;
Davankov, A.B.; Zueakova, L.B.

Recovery of phenol from sulfate liquor wastes of a phenol sulfonation plant by means of pyridine-containing anion exchangers. Zhur. prikl. khim. 38 no.5:1102-1105 My '65.

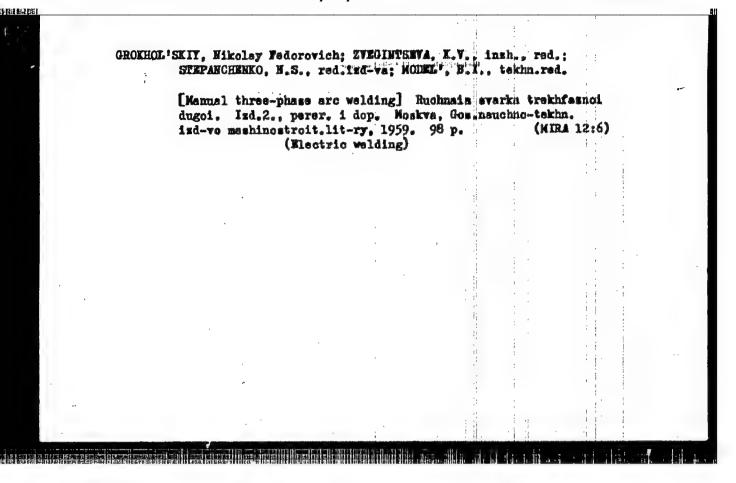
(MIRA 18:11)

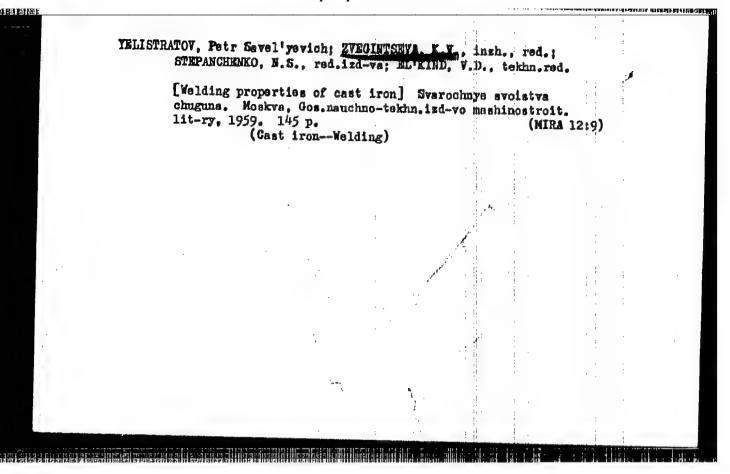
POPLAYKO, Mikhail Vasil'yevich; MANUTLOV, Mikolav Mikolayevich; GRUZIEVA,
Larisa Aleksayevna; ZURHINTSEVA, K.V., rad.; GARMASH, L.M.,
otv. 2a vypusk; SUKHAREVA, R.A., tekhn.rad.

[Welding of titanium] Sverka titana. Meskva, Mosk.dom nauchnotekhn.propagandy im.F.B.Dsershinskogo, 1958. 37 p. (Peredovoi opyt proisvodstva. Ser. Tekhnologiia mashinostroeniia, no.29.
Svarka, paika i metallisatsiia)

(Titanium-Welding)

(Titanium-Welding)





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BRODSKIY, A.Ya.; BVEQISTSEVA, K.Y., insh., red.; GHUSHEVKXAYA, G.M., red.izd-va; POPOVA, S.M., tekhn.red.

[Argon are welding with a tungsten electrode] Argono-dugovaia svarka vol'framovym elektrodom. Moskva, Gos.nauchno-tekhn. ind-vo mashinostroit.lit-ry, 1956. 395 p. (MIRA 12:4)

(Electric welding)

### "APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R002065630007-2

KAKHOVSKIY, Hikolay Ivanovich, kend. tekhn. nauk; GOTAL'SKIY,

Yuzef Nikolayerich, kend. tekhn. nauk; TRUSHGHENKO, Anton

Ivagen'yerich, kand. tekhn. nauk; TRUSHGHENKO, Anton

Ivagen'yerich, inah.; YVEGHITSEVA, K.V., nauchn. red.;

Antonovich, inah.; TRUSHGHENKO, Anton

GORYUNOVA, L.K., red.; NESNYSLOVA, L.M., tekhn.red.

[Technology of mechanized arc and electric slag redding]

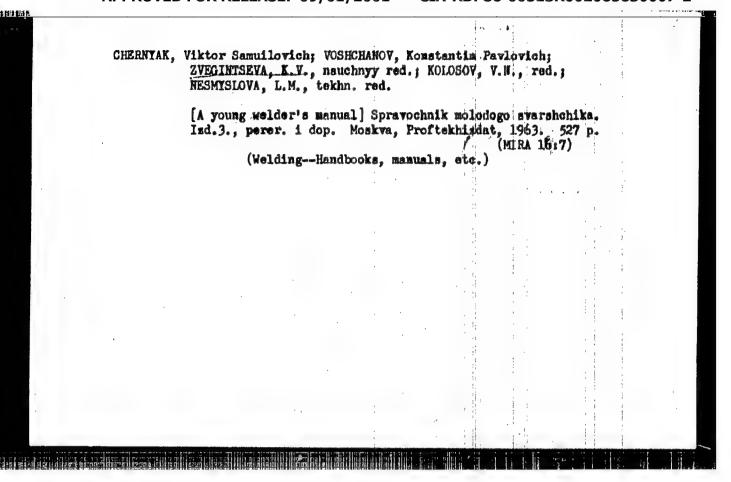
[Technologia mekhanizirovannoi dugovoi i elaktroshlakovoi

Tekhnologia mekhanizirovannoi dugovoi i elaktroshlakovoi

svarki. [By] N.I.Kakhovskii i dr. Moskva, Froftekhizdat,

svarki by N.I.Kakhovskii and supplies)

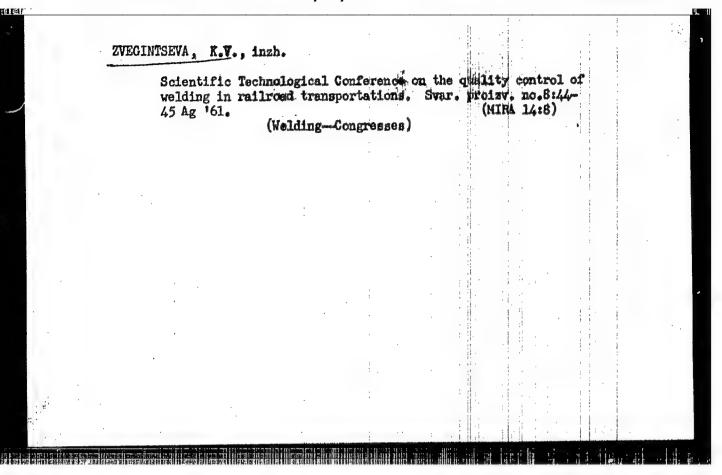
(Electric welding—Equipment and supplies)



FAYERMAN, Aron Iudovich; ZVEGINTSEVA, K.V., inzh., retsenzont;
EREYTMAN, M.M., nauchn. rei.; IUNOV, V.N., rest.

[Economics and the organization of welding production]
Ekonomika i organizatsiia nvarochnogo proisvedstva.

Monkva, Vysshaia nhkola, 19651 98 p. (Mikh 1817)



CHERNYAK, Viktor Samuylovich, inzh.; VOSHCHANOV, Konstantin Pavlovich, inzh.;

ZVEGINTSEVA, K.V., nauchmyy red.; BASHKOVICH, A.L., red.; FROKOF'IEVA,
L.G., red.; FEREDERIY, S.P., tekhm. red.

[Young welder's handbook] Spravochmik moloddgo svarshchika. Izd.2.,
perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat,
1961. 656 p.

(Welding)

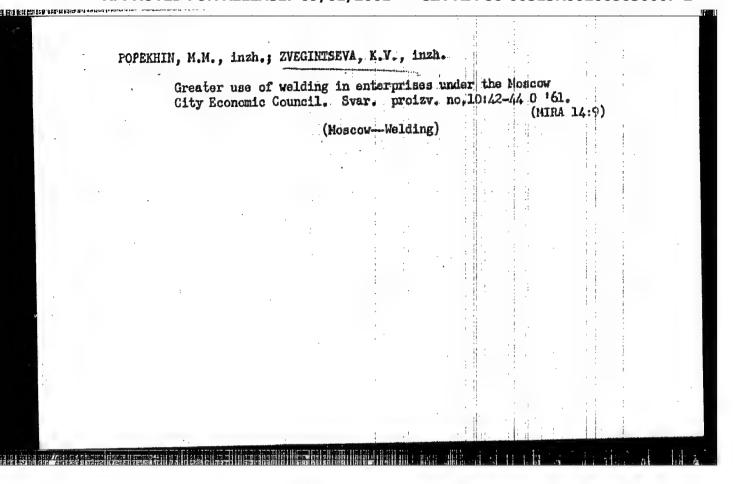
(Welding)

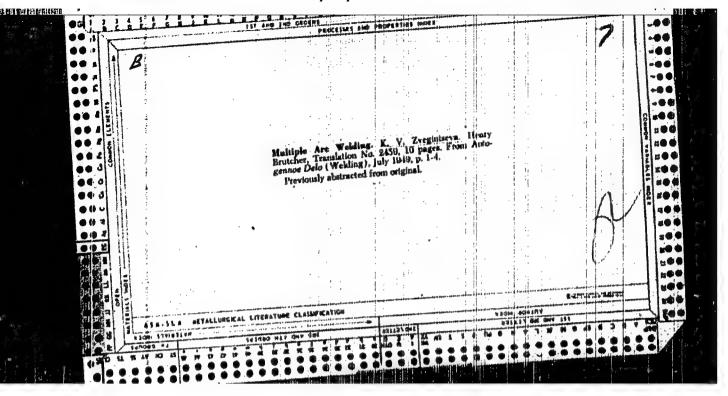
BOREVICH, V.A., insh.; ZVEGINTSEVA, K.V., insh.; MOROZ, K.S., insh.

Organization of model production welding at the "Gompressor"
Plant. Swar. proisw. no.2:20-23 F'61. (MIRA 11:1)

1. Zavod "Kompressor," Mokkva (for Boravich). 2. Vsesoyumny proyektno-tekhnologicheskiy institut tyashqlogo mashimostroyeniya Mosgorsovnarkhoza (for Moros).

(Moscow—Refrigeration and refrigerating machimery) (Welding)





GERASIMENKO, Ivan Nikolayevich, kand. tekhn. nauk; TIMOFEYEV, M.M., kand. tekhn. nauk, retsenzent; ZVEGINYSEVA, K.V., inzh., red.; SIROTIN, A.I., red. izd-va; DEXKIMA, W.F., tekhn. red.

[Welding two-layer steel with a protective chromium layer] Svarka dvukhaloinoi stali s khromistym zaslichitnym aloem. Noskva, Mashglz, 1962. 90 p. (MIMA 15:7)

(Laminated metals—Welding)

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[Welding operations in building]Svarochnye raboty v stroitel'stve. Moskva,Gosstroiizdat,1962. 783 p.

(Welding—Handbooks, mamuals, etc.) (Building)

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5/135/61/000/008/011/011 A006/A101

ATTHOR:

Zvegintseva, K.V., Engineer

TITLE:

The Scientific-technical Conference on quality control of welding

in railroad transportation

PERIODICAL:

Svarochnoye proizvodstvo, no. 8, 1961, 44 - 45

A scientific-technical Conference on the quality control of welded Joints and built-up parts in railroad transportation was organized from April 7 to 10, 1961 in Leningrad. The Conference was convened by the scientific-technical Council of Ministers of Means of Communication of USSR, the coordination gouncil on welding at the Institute of Electric Welding imeni Ye,O. Paton and the Scientific Research Institute of Bridges at the Limingrid Institute of Railroad Transportation Engineering. The Conference heard over 20 reports, including that by: A.K. Gurvich, Scientific Research Institute of Bridges, on ultrasonic quality control of weld joints and development of methods and equipment for manual and automatic control; L.I. Perlis, (Scientific Research Institute of Bridges) on the effect of defects in weld seams on vibration strength of welded joints; M.Ya. Dankov and L.M. Korneyev on ultrasonic inspection in the manufacture of

Card 1/3

The Scientific-technical Conference ...

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bridge spans at the Yaroslav and Voronezh bridge plants: G.Z. Zvyagin on ultrasonic quality control of welded rail butts on a rail-welding train; I.V. Vologdin, Trust 103 of "Glavleningradstroy", on quality control of weld joints using new radioactive isotopes; A.A. Arkhangel'skiy, LIIZhT, on the use of scintillation counters in gamma flaw detection of weld joints at an inspection speed of up to 1 cm/sec; Ye.A. Greyl', TsNII MPS, on causes of break of welded rail butts; Doctor-Engineer A.V. Fabishevskiy (Poland) on the evaluation of welding defects, revealed by flaw detection; on the performance of welded structures; V.A. Tsechal', Institute of Electric Welding imeni Ye.O. Paton, on ultrasonic flaw detection for investigating the development of cracks in butt welds during fatigue tests; I.Z. Genkin, Experimental Welding Plant of Mosgorsovnarkhoz, on the causes offailure from fatigue stresses of rail butt welds and technological recommendations for preparing the butts for welding; A.K. Curvich on the work of the Insitute of Bridges on automated quality control of rails; Ye.S. Lev, LIIVT, on the comparative evaluation of different methods of quality control. The Conference decided the introduction of advanced control methods in railroad transportation, expanded use of ultrasonic flaw detection and automated control methods. From April 11 - 15, 1961, a Conference took place in Leningrad on non-destructive

Card 2/3

The Scientific-technical Conference ... \$\frac{3}{135}\frac{61}{000}\frac{008}{011}\frac{011}{011}\$

control methods in the industry. The Conference heard over 80 reports on the following subjects; automated control and general problems of flaw detection (25 reports); X-ray and gamma control (13 reports); magnetic control methods control (29 reports) luminescent and colored control methods (4 reports) and ultrasonic control (39 reports).

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Popekhin, M. M., Zvegintseva, K. V., Engineers

TITLE:

AUTHORS:

李田将**4**位

Development of welding in the Mosgorsovnarkhoz

PERIODICAL:

Svarochnoye proizvodstvo, no. 10, 1961, 43

The article includes information on the development and assimilation of new basic and accessory welding equipment and new advanced welding methods. At the Moscow Pipe Plant, for instance, a machine became operative for the welding of pipes by radiofrequency currents. On this machine 300,000 m of pipes, ing of pipes by radiofrequency currents. On this machine 300,000 m of pipes, in min diameter and with 1.5 mm thick walls have already been produced from carbon steel. The welding speed attains 45 - 60 m/min. In the near future a large mill will be put into operation for welding stainless steel pipes of 25 large mill will be put into operation for welding stainless steel pipes of 25 mm in diameter and with up to 4 mm thick walls; the welding speed will be 102 mm in diameter and with up to 4 mm thick walls; the welding speed will be 25 - 30 m per minute, against 0.6 - 1.0 m/min attained by argon-arc welding. The afore-mentioned work is carried out in cooperation with NIITVCh imeni V. P. afore-mentioned work is carried out in cooperation with NIITVCh imeni V. P. Vologdin. Together with NIAT an automatic welding torch was designed for welding total machine pipes. A trial batch has already been welded and the industrial output

Card 1/2

